

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Kent A. FRANKLIN Thomas D. EHLERT	Prior Application Group No.: 2877
Title:	AMPLITUDE MEASUREMENT FOR AN ULTRASONIC HORN	Prior Application Examiner: R. Punnoose
Express Mail No.:	EV217085102US	
Date of Deposit:	27 June 2003	

FIRST INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on the attached Form PTO-1449 were cited during prosecution of the patent application listed below:

Title: AMPLITUDE MEASUREMENT FOR
AN ULTRASONIC HORN
Applicants: Kent A. FRANKLIN et al.
Serial No.: 09/651,920
Filing Date: 31 August 2000
Attorney Docket No.: KCC-13,685.1

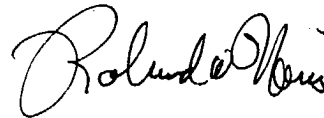
Express Mail No.: EV217085102US

Docket No.: K-C 13685.2

Japanese language reference Application No. 07339494, Reference AL,
Sheet 1 of 3, was cited by the Examiner in his Detailed Action of 07 May 2003.

Copies of these references are not enclosed as they are contained in the
file of the related parent application.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Roland W. Norris".

Roland W. Norris
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FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

K-C 13685.2

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

Kent A. FRANKLIN et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,918,816	11/1975	Foster et al.			
	AB	4,046,477	09/1977	Kaule			
	AC	4,086,808	05/1978	Camac et al.			
	AD	4,619,529	10/1986	Iuchi et al.			
	AE	4,659,224	04/1987	Monchalin			
	AF	4,713,132	12/1987	Abel et al.			
	AG	5,817,199	10/1998	Brennecke et al.			
	AH	5,591,298	01/1997	Goodman et al.			
	AI	4,053,227	10/1977	Bodlaj			
	AJ	4,060,329	11/1977	Ellis			
	AK	4,121,470	10/1978	Kaule			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	07339494	12/1995	Japan				
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		<i>The Authority On Displacement Measuring</i> , company brochure, Micro-Epsilon,
			Raleigh, North Carolina, April 1998.
	AS		<i>Noncontact Position Measuring Systems</i> , company brochure, Kaman Instrumentation Corporation,
			Colorado Springs, Colorado, August 1990.
	AT		MTI-2000 Fotonic™ Sensor Instruction Manual, MTI Instruments, Mechanical Technology Inc.,
			Latham, New York, Revised 3/1991.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

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(MODIFIED)U.S. DEPARTMENT OF COMMERCE
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APPLICANT(S)

Kent A. FRANKLIN et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,129,041	12/1978	Bickel			
	AB	4,180,324	12/1979	Primbsch			
	AC	4,275,963	06/1981	Primbsch			
	AD	4,345,475	08/1982	Bickel			
	AE	4,381,676	05/1983	Kaule et al.			
	AF	4,388,832	06/1983	Kaule			
	AG	4,566,225	01/1986	Bizot et al.			
	AH	4,567,769	02/1986	Barkhoudarian			
	AI	5,025,665	06/1991	Keyes, IV et al.			
	AJ	5,440,914	08/1995	Tachibana et al.			
	AK	5,587,051	12/1996	Ostermayer et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	KD-LS-1A Operating Instruction Manual, Mechanical Technology Inc., Instruments Division,					
		Latham, New York.					
	AS	Website: mtiinstruments.com					
	AT						

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. K-C 13685.2		SERIAL NO.	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) Kent A. FRANKLIN et al.			
				FILING DATE		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,684,578	11/1997	Nower et al.			
	AB	5,684,596	11/1997	Eslinger et al.			
	AC	5,705,810	01/1998	Wang et al.			
	AD	5,726,366	03/1998	Washio et al.			
	AE	5,591,288	01/1997	Becker et al.			
	AF						
	AG						
	AH						
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	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
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